itc · ITC HD VIDEO CONFERENCE

TV-612XM

Video Conference Camera

The itc TV-612XM is a video Conference Camera from itc's itc HD Video Conference range, built for hybrid meeting rooms, boardrooms, training rooms and multi-site government and corporate conferencing.

Key figures: digital zoom 16x; first stream resolution 1920x1080, 1280x720, 1024x576, 960x540, 640x480, 640x360; second stream resolution 1280x720, 1024x576, 720x576, 720x480, 720x408, 640x360, 480x270, 320x240, 320x180. Highlights include full HD image and using 72.5° high-quality optical lens.



Key features

- Full HD image — Full HD image: Using 1/2.8-inch high-quality image sensor, the maximum resolution reaches 1920x1080, and the output frame rate reaches 60 frames per second.
- Using 72.5° high-quality optical lens — Using 72.5° high-quality optical lens, it supports 12× optical zoom, and 16× digital zoom.
- Using AI technology and pedestrian re-identification... — Using AI technology and pedestrian re-identification technology, it can accurately detect the location of each person based on information such as the dress, body shape,
- Support the extension of 1080P60 NDI®|HB technology to... — Support the extension of 1080P60 NDI®|HB technology to achieve ultra-high-resolution image quality and closer to lossless visual effects through network transmission.
- All video output interfaces have achieved low latency... — All video output interfaces have achieved low latency indicators. Support 4-channel video simultaneous output of HDMI, 3G-SDI, USB 3.0, and network, and support 1080P60.

Technical specifications

Video signal system	1080P60, 1080P59.94, 1080P50, 1080I60, 1080I59.94, 1080I50, 1080P30, 1080P29.97, 1080P25, 720P60, 720P59.94, 720P50
Sensor type	1/2.8 inches, CMOS, effective pixels: 2.07 million , progressive
Scanning method	Progressive scanning
Lens	12x, f3.5mm ~ 42.3mm, F1.8 ~ F2.8 [35mm equivalent focal length: 27mm-322mm]
Digital zoom	16x
Minimum illumination	0.5Lux @ (F1.8, AGC ON)
Electronic shutter	1/30s ~ 1/10000s
White balance	Auto, manual, one-touch, specified color temperature, indoor, outdoor
Digital noise reduction	2D, 3D digital noise reduction
BLC	Support
SNR	≥55dB
Horizontal field of view	72.5° ~ 6.9°
Vertical field of view	44.8° ~ 3.9°
Horizontal rotation range	±170°
Vertical rotation range	-30° ~ +90°

Continued specifications on request.